**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (previously presented): A switch for a telecommunications network comprising:

at least one fabric for switching PVx (permanent virtual) connections;

at least one input mechanism for receiving PVx connections from the network;

a plurality of output mechanisms for sending PVx connections to the network, with at least one of the output mechanisms non-modifiable; and

a controller which dynamically modifies parameters for the connections of the fabric, the input mechanism, and the plurality of the output mechanisms except for the non-modifiable output mechanism based on a modify signal, the controller modifying the non-modifiable output mechanism by destroying the connections of the non-modifiable output mechanism and then recreating the PVx connections of the non-modifiable output mechanism subject to the modified parameters while the input mechanism, output mechanisms, fabric and connections are active and operating.

Claim 2 (original): A switch as described in Claim 1 wherein cells of a connection of the non-modifiable output mechanism that is modified are discarded after the connection is destroyed and until the connection is recreated.

Claim 3 (original): A switch as described in Claim 2 wherein the input mechanism is an input netmod.

Claim 4 (original): A switch as described in Claim 3 wherein the output mechanism is an output netmod.

Claim 5 (previously presented): A method for handling connections in a telecommunications network comprising the steps of:

sending a modify signal for modifying parameters regarding connections in the network to a switch having at least one fabric for switching PVx (permanent virtual) connections, at least one input mechanism for receiving PVx connections from the network, and a plurality of output mechanisms for sending PVx connections to the network, with at least one of the output mechanisms non-modifiable;

modifying dynamically the parameters regarding the connections of the fabric, the input mechanism and the plurality of output mechanisms except for the non-modifiable output mechanism;

destroying the connections of the non-modifiable output mechanism; and

recreating the connections of the non-modifiable output mechanism subject to the modify parameters.

Claim 6 (original): A method as described in Claim 5 wherein the recreating step includes the step of recreating the connections within 50 milliseconds.

Claim 7 (original): A method as described in Claim 6 including the step of the discarding cells of the connections of the non-modifiable output mechanism after they have been destroyed and until they are recreated.

Claim 8 (previously presented): A switch for a telecommunications network comprising:

at least one fabric for switching SVx (switched virtual) connections;

at least one input mechanism for receiving SVx connections from the network;

a plurality of output mechanisms for sending SVx connections to the network, with at least one of the output mechanisms non-modifiable; and

a controller which dynamically modifies parameters for the connections of the fabric, the input mechanism, and the plurality of the output mechanisms except for the non-modifiable output mechanism based on a modify signal, the controller modifying the non-modifiable output mechanism by destroying the connections of the non-modifiable output mechanism and then recreating the SVx connections of the non-modifiable output mechanism subject to the modified parameters while the input mechanism, output mechanisms, fabric and connections are active and operating.

Claim 9 (previously presented): A method for handling connections in a telecommunications network comprising the steps of:

sending a modify signal for modifying parameters regarding connections in the network to a switch having at least one fabric for switching SVx (switched virtual) connections, at least one input mechanism for receiving SVx connections from the network, and a plurality of output mechanisms for sending SVx connections to the network, with at least one of the output mechanisms non-modifiable;

modifying dynamically the parameters regarding the connections of the fabric, the input mechanism and the plurality of output mechanisms except for the non-modifiable output mechanism;

destroying the connections of the non-modifiable output mechanism; and

recreating the connections of the non-modifiable output mechanism subject to the modify parameters.

Claim 10 (previously presented): A switch as described in Claim 4 wherein parameters are associated with a specific QOS (quality of service) and modified parameters are a different QOS.

Claim 11 (currently amended): A **[[**switch**]]** method as described in Claim 9 wherein parameters are associated with a specific QOS (quality of service) and modified parameters are a different QOS.

Claim 12 (previously presented): A method as described in Claim 7 wherein the parameters are associated with a specific QOS (quality of service) and the modifying step includes the step of modifying the specific QOS.

Claim 13 (previously presented): A method as described in Claim 9 wherein the parameters are associated with a specific QOS (quality of service) and the modifying step includes the step of modifying the specific QOS.